

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S173	36076	counter near3 determin\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 18:44
S174	121	S173 with (repair\$3 replace\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 18:45
S175	35	S173 near3 (repair\$3 replace\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 18:51
S176	41	(repair\$3 replace\$4) with (counter near3 (limit expir\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 18:59
S180	31743	"29" same counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:02
S179	29	S177 with circuit	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:02
S178	16	S177 same counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:02
S177	811	(replac\$5 repair\$3) near3 before near3 (fail\$3 error\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:02
S181	31743	S180 same counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:03
S184	38	S183 with (repair\$3 replac\$5) near3 circuit	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:04
S183	77902	count\$3 near3 pulse\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:04
S182	1	S179 same counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/20 19:04
S1	1	"20050125707".pn.	US-PGPUB	OR	OFF	2007/02/26 11:12
S185	1420	(repair\$3 replac\$5) near5 ((before prior) near3 fail\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 11:14
S187	41	S185 with circuit	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 11:15

## EAST Search History

S18 6	1	S185 same (count\$3 near5 life)	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 11:15
S18 9	1	"6229292".PN.	USPAT; USOCR	OR	OFF	2007/02/26 11:17
S19 2	3	("4351013"   "4809125"   "4870531"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:32
S19 1	2	S190 and counter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:32
S19 0	9	("5208720"   "5774321"   "6031743"   "6094039"   "6229292"   "6329801"). PN. OR ("6473280").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:32
S19 3	2	S192 and counter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:33
S19 5	78474	(oscillator pulse clock) near3 counter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:36
S19 4	67734	clock near6 counter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:36
S19 7	1	S195 same (circuit near3 life)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:37
S19 6	0	S195 with (circuit near3 life)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:37
S19 8	48	S195 with (circuit near3 (repair\$3 replac\$5))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:48
S20 0	0	S199 with counte	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:52
S19 9	2937	circuit near3 life	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:52
S20 1	24	S199 with counter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 11:55
S18 8	2	S187 same counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:03
S20 2	6	S185 with counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:06

## EAST Search History

S20 3	324	(replac\$5 repair\$3) with (counter near3 (limit expir\$3 predetermined reach\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:08
S20 5	6	((replac\$5 repair\$3) near circuit) same (counter near3 (limit expir\$3 predetermined reach\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:11
S20 4	2	((replac\$5 repair\$3) near circuit) with (counter near3 (limit expir\$3 predetermined reach\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:11
S20 6	4	S205 not S204	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:12
S20 8	834	S207 with counter	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:18
S20 7	17193	timer near3 predetermin\$	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:18
S21 0	245	S209 with timer	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:19
S20 9	5471	counter near3 reach\$3 near3 predetermined	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:19
S21 1	9	S209 with timer near3 comprising	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:29
S21 3	2	S209 with S212	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:30
S21 2	62464	prevent\$3 near3 (error\$1 fail\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 12:30
S21 5	4	S214 with (repar\$3 replac\$5) near3 circuit	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 14:05
S21 4	35486	prevent\$3 near3 fail\$4	US-PGPUB; USPAT; EPO	OR	OFF	2007/02/26 14:05